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### FIGURE 1

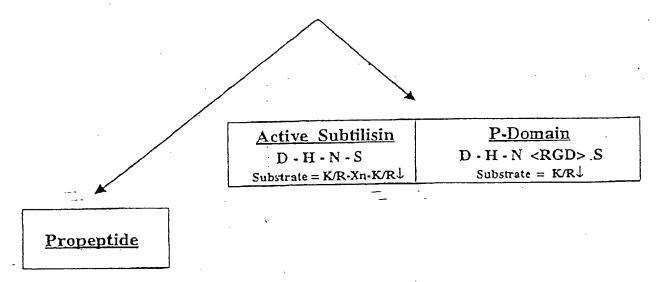
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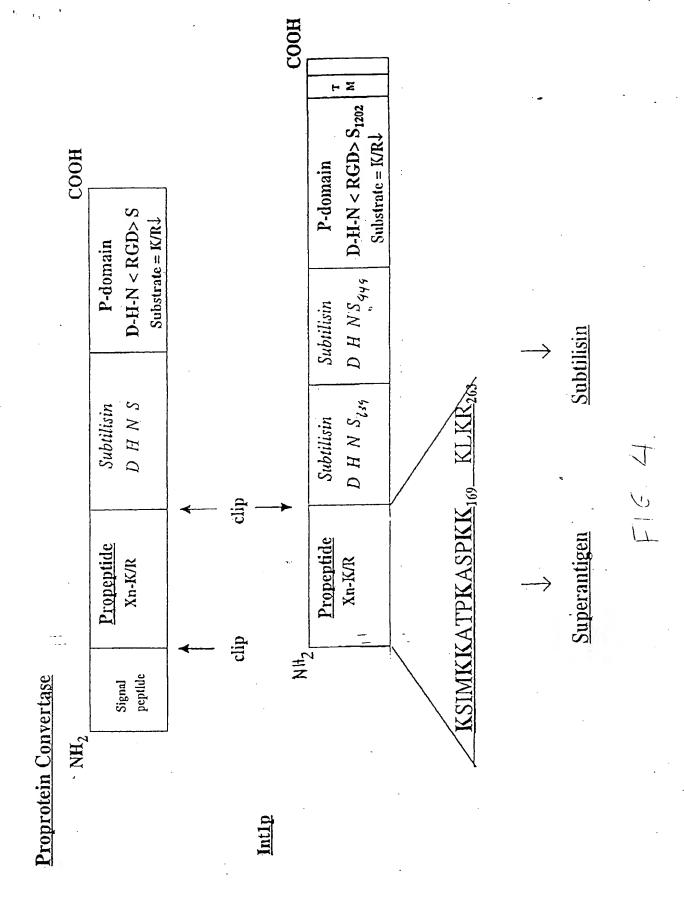
### Activation of "Subtilisin-like" Proprotein Convertases

Signal Propeptide Inactive Subtilisin peptide Xn-K/R DHNS	P-Domain D-H-N <rgd> S Substrate = K/R!</rgd>
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The processing or "P-domain" clips the propeptide at the carboxy terminal side of dibasic residues, thereby releasing the propeptide. Exposed D-H-N-S active site residues assume the subtilisin serine protease conformation.



## Amino terminal processing of Int1p



### P Domain Subtilisin Motifs

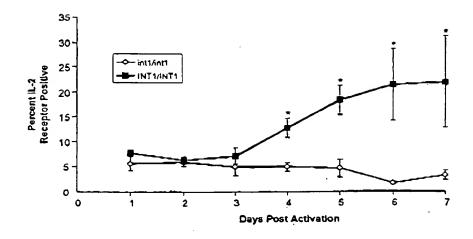
F16. 5

Comparison of the high affinity heparin-binding site of Mycobacterium tuberculosis heparin-binding hemagglutinin adhesin (HBHA) with the proposed heparin-binding site of Candida albicans Int1p

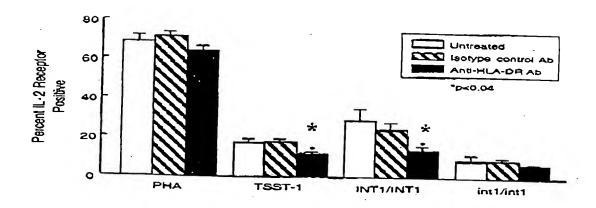
HBHA  $\underline{K}_{180}$  AAA  $\underline{KK}$  APA  $\underline{KK}$  AAA  $\underline{KK}_{195}$ 

Int1p  $\underline{K}_{155}$  SIM  $\underline{KK}$  ATP  $\underline{K}$  ASP  $\underline{KK}_{169}$ 

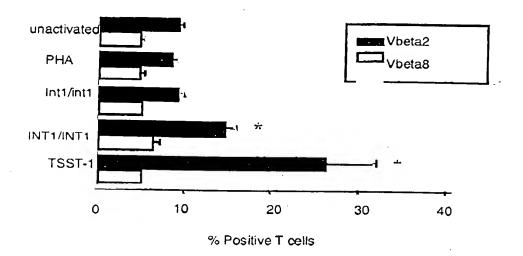
F16. 6



F16. 7



F16 8



F16 9

Si PRO- 8 PEPTIDE n KR	DOMAIN D	OCESSING C-TERMI OOMAIN EXTENSI H-N-RGD-S	
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FIG. 10

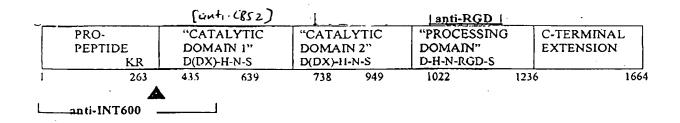
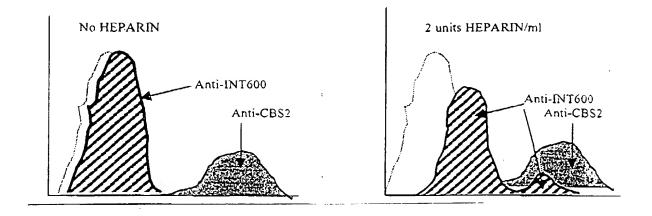


FIG. 11



F16. 12

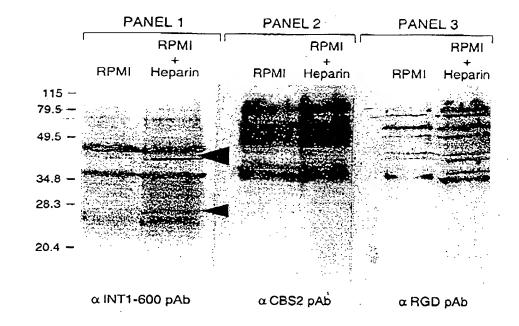


FIG. 13

### SILVER STAIN

### Anti 6X His WESTERN

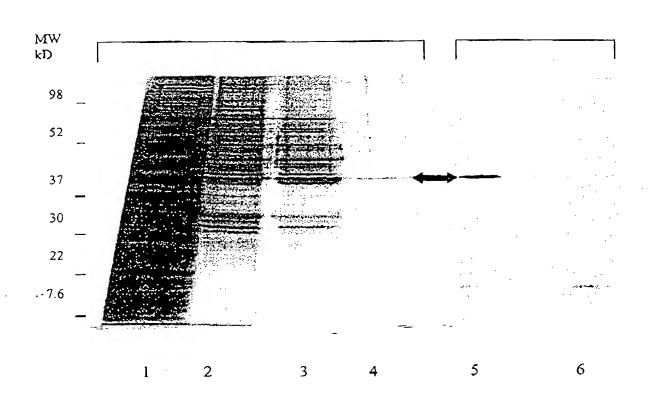
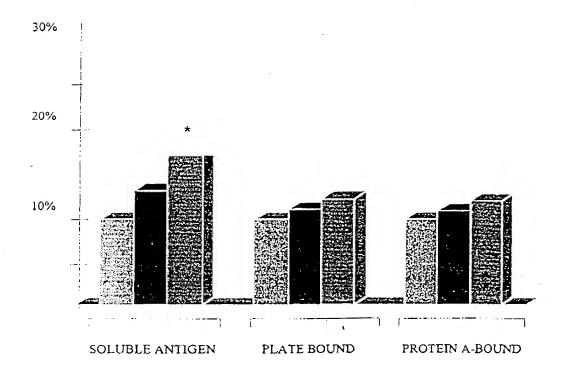


FIG. 14



F16.15

### Model for the Participation of Intlp in Candidemia

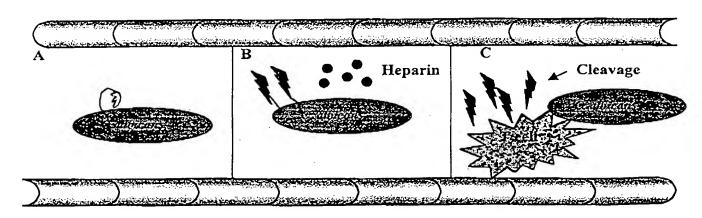


FIG. 16

# MHC Class II-Binding Peptides

- NNVVFTNKELE MAM 15 F V Q N L

FIG. 17

### inkage of T Lymphocyte to Antigen-Presenting Cell

